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PTO/SB/05 (2/98)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No.	01339.0009.NPUS01
First Named Inventor or Application Identifier	Mathieu Desbrun
Title	METHODS FOR COMPUTING BARYCENTRIC COORINANTES GENERALIZED TO IRREGULAR N-GONS AND APPLICATIONS OF THE SAME
Express Mail Label No.	EL225649874US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☐ \*Fee Transmittal Form (Form PTO-1082)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 14]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 6]
4. ☐ Oath or Declaration [Total Pages ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS	
8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
9. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)	<input type="checkbox"/> Power of Attorney
10. <input type="checkbox"/> English Translation Document (if applicable)	
11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input checked="" type="checkbox"/> Copies of IDS Citations
12. <input type="checkbox"/> Preliminary Amendment	
13. <input checked="" type="checkbox"/> Return Receipt Postcard	
14. <input type="checkbox"/> *Small Entity Statement(s)	<input type="checkbox"/> Statement filed in prior application, Status still proper and desired
15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	
16. <input type="checkbox"/> Other:	

\*NOTE FOR ITEMS 1 & 14 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No: /
Prior Application Information: Examiner:		Group/Art Unit:	

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label 08-3038 or <input checked="" type="checkbox"/> Correspondence address below (Insert Customer No. or Attach bar code label here)					
NAME Robert C. Laurenson					
ADDRESS Box 34					
301 Ravenswood Avenue					
CITY	Menlo Park	STATE	California	ZIP CODE	94025
COUNTRY	US	TELEPHONE	949-759-5269	FAX	650-463-8400
Name (Print/Type)	Robert C. Laurenson		Registration No. (Attorney/Agent)	34,206	
Signature			Date	February 7, 2002	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**HOWREY SIMON ARNOLD & WHITE, LLP**  
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Telephone (949) 721-6900

**Box Patent Application**

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of MATHIEU DESBRUN, ALAN H. BARR and MARK MEYER, titled "Methods for Computing Barycentric Coordinates Generalized to Irregular N-Gons and Applications of the Same".

The following documents are enclosed for appropriate action:

1. Utility Patent Application Transmittal
2. Patent Application – 14 pages
3. Drawings – 6 pages (Figs. 1-6)
4. Information Disclosure Statement
5. IDS-Form 1449 (with 2 references)
6. Return Postcard

	(Col. 1)	(Col. 2)
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	13-20=	7
INDEP. CLAIMS	4-3 =	1
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

\*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY	
RATE	FEE
	\$370.00
x 9 =	63.00
x 42 =	42.00
+ 140 =	140.00
TOTAL	\$615.00

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 740.00
x 18 =	0.00
x 80=	0.00
+ 270 =	0.00
TOTAL	0.00

CERTIFICATE OF MAILING  
(37 C.F.R. §1.10(a))

I hereby certify that this paper (along with any referred to as being attached hereto) is being deposited with the United States Postal Service (USPS) on the date shown below using the "Express Mail Post Office to Addressee" service of the USPS (Express Mail No. EL225649874US) in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

February 7, 2002  
Date of Deposit

Mary Champion  
Name of Person Mailing Paper

*Mary Champion*  
Signature of Person Mailing Paper

This application is being filed under 37 C.F.R. §1.53(b)(1) without declaration and filing fee.

This application claims the benefit of U.S. Provisional Application No. 60/267,804 filed February 8, 2001.

HOWREY SIMON ARNOLD & WHITE, LLP



Robert C. Laurenson, Reg. No. 34,206

Date: February 7, 2002

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